Víctor Martínez Román

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Education

Tecnológico de Monterrey (ITESM) – Estado de México, México

BSc in Computer Science and Technology Engineering (ITC) Graduated June 2024 Cumulative GPA: 88/100

Cybersecurity Experience

Concentration in cybersecurity diploma (Semestre TEC)   Aug 2023 – Dec 2023

Mobile pentesting, network analysis, Red/Blue team, SIEM experience, Digital Forensics 2016 – Present - Home
network audit experience to enhance security.
- Mobile security audit to prevent and remove malware.
- Detection and mitigation from social engineering attacks.
- Knowledge of multiple hacking tools and their mitigations.
- Avoidance and removal of remote access tools.

Work Experience

Karibuü

Backend lead programmer for ERP system   Oct 2022 – Oct 2023

Flask and MongoDB experience.
- Production server configuration.

Hogar a tiempo

Backend programmer using AWS Lambda, DynamoDB, S3 and API Gateway   Apr 2023 – Dec 2023

Major School Projects

WheelWise

Tech: Typescript, Javascript, Python, AWS, GCP, Vercel   Feb 2023 - Jun 2023

Developed a fully functional e-commerce site as a group project, where we coordinated 25 people working on different
areas.

Mobile app for Atizapán de Zaragoza

Tech: Kotlin, Python, Flask, MongoDB, Nginx   Aug 2022 – Oct 2022
- Developed a mobile app capable of alerting the local population of potential risks in the area.
- Developed an admin panel to manage the alerts in real time.
- Developed a notification system with near to zero delay.

Weather and humidity tracking system.

Tech: HTML, Bootstrap, SCSS, C++ (Arduino), SQL, PHP, IOT Aug 2021 – Dec 2021 - Developed a system capable of
keeping track of humidity and weather in real time.
- Developed a dashboard for visualizing the logged data.
- Created a web server within a Node MCU for real time tracking.

Skills

Programming Languages: R, Rust, C++, C# , Python, JavaScript, Typescript, Clojure, Kotlin
Frameworks: React, NextJS, CSS/SCSS, SQL, MongoDB, Firebase
Tools/Applications: Git, Docker, Unity, Cisco Packet Tracer, GNS3, Wazuh
Platforms: GNU/Linux, Windows, BSD systems
Languages: English B2, German A1